

Appl. No. 10/672,831
Amdt. dated June 16, 2005
Reply to Office Action of March 17, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of making paper in which a web of papermaking fibers is supported by the web-contacting surface of a woven fabric, wherein the structure of the fabric is purposefully modified, ~~either while the fabric is on-line or off-line~~, such that the structure of the resulting paper is changed, wherein the fabric is removed from the papermaking machine, the web-contacting surface of the fabric is modified, and the fabric is returned to service.
2. (Original) The method of claim 1 wherein the surface texture of the fabric is modified.
3. (Original) The method of claim 1 wherein the drainage characteristic of the fabric is modified.
4. (Currently Amended) A method of making paper in which a web of papermaking fibers is supported by the web-contacting surface of a fabric. ~~The method of claim 1~~ wherein the web-contacting surface of the fabric is purposefully modified without removing the fabric from the papermaking machine.
5. (Original) The method of claim 4 wherein the web-contacting surface of the fabric is modified without halting the rotation of the fabric.
6. (Cancelled)
7. (Currently Amended) The method of claim ~~[[1]]~~ 4 wherein the fabric is a throughdrying fabric.

Appl. No. 10/672,831

Amdt. dated June 16, 2005

Reply to Office Action of March 17, 2005

8. (Currently Amended) The method of claim ~~[[1]]~~ 4 wherein the fabric is a forming fabric.
9. (Currently Amended) The method of claim ~~[[1]]~~ 4 wherein the fabric is transfer fabric.
10. (Currently Amended) A method of making paper in which a web of papermaking fibers is supported by the web-contacting surface of a fabric, wherein the structure of fabric is purposefully modified, either while the fabric is on-line or off-line, such that the structure of the resulting paper is changed. ~~The method of claim 4~~ wherein the web-contacting surface of the fabric is thermally modified by heating the fabric surface, reconfiguring the heated fabric surface to change the web-contacting surface texture and cooling the fabric surface to set the reconfigured texture.
11. (Original) The method of claim 10 wherein the heated fabric is reconfigured by mechanical deformation.
12. (Original) The method of claim 10 wherein the heated fabric is reconfigured by through-air-molding.
13. (Currently Amended) The method of claim ~~[[1]]~~ 4 wherein the web-contacting surface of the fabric is modified by depositing a material onto the web-contacting surface.
14. (Original) The method of claim 13 wherein the material is removable.
15. (Original) The method of claim 14 wherein the material is removable by washing.
16. (Original) The method of claim 15 wherein the material is removable by changing the pH of the washing solution.
17. (Original) The method of claim 14 wherein the material is removable by a chemical reaction.

Appl. No. 10/672,831
Amdt. dated June 16, 2005
Reply to Office Action of March 17, 2005

18. (Original) The method of claim 17 wherein the chemical reaction comprises thermal oxidation.
19. (Original) The method of claim 17 wherein the chemical reaction comprises thermal hydrolysis.
20. (Original) The method of claim 14 wherein the material is removable by dissolution in a non-aqueous solvent.
21. (Original) The method of claim 14 wherein the material is removable by exposure to ultra-violet light.
22. (Original) The method of claim 14 wherein the material is removable by exposure to ultrasonic vibrations.
23. (Original) The method of claim 14 wherein the material is removable by abrasion.
24. (Original) The method of claim 14 wherein the material is removable by thermal shock.
25. (Original) The method of claim 14 wherein the material is removable by bending the fabric around a small radius.
26. (Original) The method of claim 13 wherein the material is deposited by printing or extruding.

Appl. No. 10/672,831

Amdt. dated June 16, 2005

Reply to Office Action of March 17, 2005

27. (Currently Amended) A method of making a throughdried tissue on a papermaking machine in which a throughdrying fabric contacts and supports a tissue web while the web is being dried, wherein the texture of the web-contacting surface of the throughdrying fabric, while not in contact with the web, is purposefully modified without removing the throughdrying fabric from the papermaking machine.
28. (Currently Amended) The method of claim 27 wherein the texture of the web-contacting surface of the throughdrying fabric is purposefully modified ~~on-line~~ without halting rotation of the throughdrying fabric.
29. - 31. (Cancelled)
32. (Original) A method of making tissue comprising:
- (a) making a first throughdried tissue on a papermaking machine in which a throughdrying fabric contacts and supports a tissue web while the web is being dried, wherein the texture of the web-contacting surface of the throughdrying fabric imparts a first texture to the first tissue;
 - (b) reforming the web-contacting surface of the throughdrying fabric from a first texture to a second texture; and
 - (c) making a second throughdried tissue wherein the second texture of the web-contacting surface of the throughdrying fabric imparts a second texture to the second tissue.
33. (Original) The method of claim 32 wherein the throughdrying fabric is reformed without removing the throughdrying fabric from the papermaking machine.
34. (Original) The method of claim 32 wherein the throughdrying fabric is reformed while the papermaking machine is running.

Appl. No. 10/672,831
Amdt. dated June 16, 2005
Reply to Office Action of March 17, 2005

35. (Original) The method of claim 32 wherein the throughdrying fabric is reformed without halting the rotation of the throughdrying fabric.
36. (Original) The method of claim 32 wherein the texture of the papermaking machine contacting side of the throughdrying fabric is modified during reforming.
37. (Currently Amended) A method of making paper on a papermaking machine in which a web of papermaking fibers is supported by the web-contacting surface of a forming fabric which imparts a watermark to the web, wherein the web-contacting surface of the forming fabric is purposefully modified without removing the forming fabric from the papermaking machine, ~~either while the fabric is on-line or off-line~~, such that the watermark imparted by the forming fabric is changed.
38. (Original) A method of making paper on a papermaking machine in which a web of papermaking fibers is supported by the web-contacting surface of a forming fabric, wherein the forming fabric is supported by an open form roll sleeve which imparts a watermark to the web, wherein the open form roll sleeve is purposefully modified, either while the form roll sleeve is on-line or off-line, such that the watermark imparted by the open form roll sleeve is changed.
39. (Currently Amended) A used papermaking fabric having a web-contacting surface wherein the structure of the fabric has been purposefully modified for re-use by heating, reforming and cooling the fabric.
40. - 43. (Cancelled)
44. (Original) The papermaking fabric of claim 39 wherein the fabric is a woven fabric.

Appl. No. 10/672,831

Amdt. dated June 16, 2005

Reply to Office Action of March 17, 2005

45. (Original) The papermaking fabric of claim 39 wherein the fabric is a non-woven fabric.
46. (Original) The papermaking fabric of claim 39 wherein the fabric comprises a combination of woven and non-woven components.